MULTI-THREADED DIRECT MEMORY ACCESS ENGINE FOR BROADCAST DATA DEMULTIPLEX OPERATIONS

ABSTRACT OF THE DISCLOSURE

A method and system for transferring a transport stream, such as from a satellite receiver to a networked computer system, are provided. The transport stream is parsed to derive multiple elementary streams including associated program identifiers, which are used to determine corresponding transfer locations in a host memory. Direct memory access transfers of the multiple elementary streams are then performed to the corresponding transfer locations in the host memory.

DE 7018748 v1